

Title (en)

Use of tanning agents for the treatment of diarrhoea induced by chemotherapy

Title (de)

Verwendung von Gerbstoffen zur Behandlung der Chemotherapie induzierten Diarrhoe

Title (fr)

Utilisation d'agents de tannage pour le traitement de diarrhoea

Publication

**EP 1764105 A1 20070321 (DE)**

Application

**EP 05020497 A 20050920**

Priority

EP 05020497 A 20050920

Abstract (en)

Use of a plant-derived tanning agent (A), or its derivative, as active agent in a composition for prevention or treatment of chemotherapy-induced diarrhea (CiD). ACTIVITY : Antidiarrhea. No details of tests for antidiarrhea activity are given. MECHANISM OF ACTION : (A) causes reversible crosslinking of collagen structures in the intestine, forming a protective membrane and this (a) reduces stress on the epithelial cells and (b) allows regeneration of underlying tissue; also its astringent properties reduce electrolyte loss (caused by conversion of tight junctions to leaky junctions).

IPC 8 full level

**A61K 36/00** (2006.01)

CPC (source: EP)

**A61K 31/215** (2013.01); **A61K 31/353** (2013.01)

Citation (search report)

- [X] DE 19627344 A1 19980108 - VITASYN GMBH ENTWICKLUNG & VER [DE]
- [X] DE 19940011 A1 20010301 - ELORISAN GMBH I K [DE]
- [X] RAEDSCH R ET AL: "PROPHYLAXIS OF TRAVELER'S DIARRHEA IN EGYPT RESULTS OF A DOUBLE BLIND CONTROLLED STUDY", 1991, KLINISCHE WOCHENSCHRIFT, VOL. 69, NR. 19, PAGE(S) 863-866, ISSN: 0023-2173, XP001207723

Cited by

EP2065051A3; CN103301448A; CN108434420A; WO2014154796A1; WO2015158771A1; EP3348273A1; WO2021130180A1; IT201900025246A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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